Date	Time	Class/Set	Lesson No	No. in class	Room
12/11/18	9:00	7a/Sc3	6		S222

Your targets from the weekly training meeting relevant to this lesson

Background of the class context of your teaching and learning plan and your expectations

Targeted Support: .	Additional Adults:

Relevant Curriculum Statements

Students should be taught about health, disease and the development of medicines:

- body defences against pathogens and the role of the immune system against
- disease
- the process of discovery and development of new medicines

Pre-supposed knowledge (From earlier in the topic and from the previous year where this was taught)>

Diseases brought on by infections with pathogens, that consist of some bacteria, fungi, viruses, and viruses, can have a detrimental effect on a person's health.
Previous knowledge of the concept among students that "germs" are microorganisms which trigger disease and that certain but not all diseases developed by these pathogens. The concept that not all germs are harmful, that pathogens do not always induce manifestations, and that pathogens do not always create symptoms of illness until large enough populations are evident.

Potential misconceptions

Vaccines cause diseases that they should prevent.
Vaccines are only for young children.
Vaccines are only essential for travelling.

Lesson Objectives

Define what a vaccination is. Describe how vaccines work to protect against diseases. Understand the role of vaccinations in public health and immunity.

Success criteria. (What will the pupils be able to do at the end of the lesson, if they meet the lesson objectives)?

Ability to explain the function of vaccines and their significance.
Acknowledge and eliminate typical misconceptions around immunisations.
Awareness of how vaccinations affect public health.

PGCE Science Lesson Plan 2023

Time	**Teacher Activity** What are you doing? Additional adults in room?	**Pupil Activity** What are the pupils doing? **Evidence of progress? Refer to Learning Points**	**.What specific questions are you asking/ and to whom?**
9:00am	Introduce topic and outline objectives: Video showing the impact of vaccinations	Students should start taking notes and answer questions given on the board. They should also ask any questions they have in mind.	What did you notice about the impact of vaccines?
9:10am	Presentation and Explanation: Definition of vaccine, how they work. Introduction to immunity. Mechanism of vaccines.	Students should start taking notes and answer questions given on the board. They should also ask any questions they have in mind.	Who can explain what a vaccination is? Why are they so important? Who can explain how a vaccine works?
9:25am	Group Activity: True and false statements about vaccinations	Students should discuss these in partners or table groups and then share their thoughts with the class	
9:40am	Case Study: A brief case study on a historical disease outbreak, such as smallpox. Explain how vaccines were instrumental in eradicating or controlling the disease.	Students should reflect on what would have happened in the absence of immunisations.	What do you think would have happened in the absence of immunisations? Why?
9:45am	Homework: A short report on its development, effectiveness, and impact on public health.	Student will research a vaccine of their choice and write a short report on its development, effectiveness, and impact on public health.	
9:50am	Wrap- Up: Recap key points of the lesson (what they are, how they work, etc). Exit ticket: Ask students to write down one thing they learnt and a question they still have about the topic on a post- it note. The teacher will collect these as students leave the class.	Students will write down one thing they learnt and a question they still have about the topic on a post- it note.	What did you learn about vaccines and what do you still have questions about?

Evidence of Pupil Progress (Complete this section in advance of the lesson).
Participation in group work and presentation. Responses to exit ticket question and homework assignment

Resources needed:

Health and Safety issues and Risk Assessment:

Homework set:
Student will research a vaccine of their choice and write a short report on its development, effectiveness, and impact on public health.

The next page of the lesson plan is to be completed after the lesson is finished.

Evaluation & Reflection

Please complete a detailed evaluation for each of your formally observed lessons. For other lessons, the evaluation might cover all headings below or focus on just some in detail.

Learning Outcomes/Objectives

Were Intended Learning Outcomes/Objectives met? How do you? If not, why not?

Assessment:

Were your assessment strategies effective? Did you give appropriate feedback?

Misconceptions

What misconceptions arose in this lesson, how did you tackle these? How confident are you that all pupils have a concrete understanding of the topic. Refer to evidence from the lesson.

Communication:

Were your instructions clear?

Timings/resources

Were your planned timings appropriate, did you do a plenary? If not, why not?

Inclusion

Were all pupils able to participate at an appropriate level? If not, why not?

Classroom management

Were pupils on task? If not, what might encourage them to engage in the lesson?

Conclusion

Identify pupils you need to target & why.
Was there progress against your development targets?
Identify SMART targets, referenced against CCF / Teachers' Standards
How will this inform your next lesson / future practice?